

Crimmins Lane

Contact	<ul style="list-style-type: none">• Numerous residents living adjacent to the stream along Overbrook Street• Frank Crandall, Dranesville District citizen, EQAC member
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Location	An unnamed tributary of Pimmit Run that parallels Overbrook Street from Powhatan Street to Lily Pond Drive.
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Supervisor District: Dranesville
Watershed: Pimmit Run
Tax Map: 41-1

Concern	Perenniality was not extended along the stream that parallels Overbrook Street. New development planned (004294-PL -01-1) for field along the northside of the stream.
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County's Initial Designation	Perennial channel downstream from Lily Pond Dr.; Non-perennial channel parallel to Overbrook
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Explanation

Chad Grupe and Gayle England assessed the stream flowing parallel to Overbrook Drive in September of 2003. It was designated perennial with an overall score of 29 (7.5 for hydrology, 14 for geomorphology, 3 for vegetation and a total of 4.5 for biology). After consideration by the ecologists who visited the site, three points were taken away from the survey because EPT were only found at the very bottom of the reach. Therefore the stream was moved to a “borderline” status and no RPA was given.

Several citizens from the area indicated that the stream is in fact perennial, and they would like to have protection for the stream.

On August 30, 2004, staff reassessed the stream as part of the scheduled QC process. The stream was broken into two reaches based on physical and biological conditions. The break point was defined at the location of a stormwater outfall at 6448 Overbrook Road. This outfall was observed to be flowing during all site visits under baseflow conditions indicating additional groundwater inputs. The stream’s floodplain widens below this point and there is a clear change in the biological community with the presence of Net-Spinning Caddisfly larvae (*Hydropsychidae*) and Blacknose Dace (*Rhinichthys atratulus*) fish were prevalent throughout the reach. This portion of the stream was classified as perennial. The stream channel above the stormwater outfall narrows lacking both physical characteristics and biological indicators of perennial flow. The upper stream reach remains classified as non-perennial.

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Crimmins Lane, Continued

Timeline

Date	Action	Initials
9/10/03	Stream Survey	CG, GE
6/24/04	Memo to Ian MacKay	CB
8/30/04	QC Survey	SC, LG
10/12/04	Second QC Site Visit	CG, MM
10/27/04	Email to Rosemary Ryan from Matt Meyers	MM

Final Outcome The perennial stream was extended upstream approximately 780 feet to a stormwater outfall located on 6448 Overbrook Road. This stream was found to have additional biological and physical indicators of perennial flow. The RPA has been added around this new perennial stream segment on the proposed amendments to the Chesapeake Bay Preservation Area maps.

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Crimmins Lane, Continued

Images

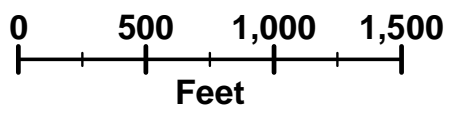
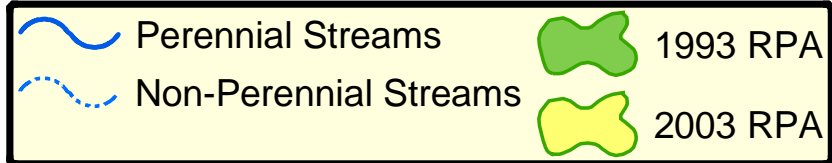
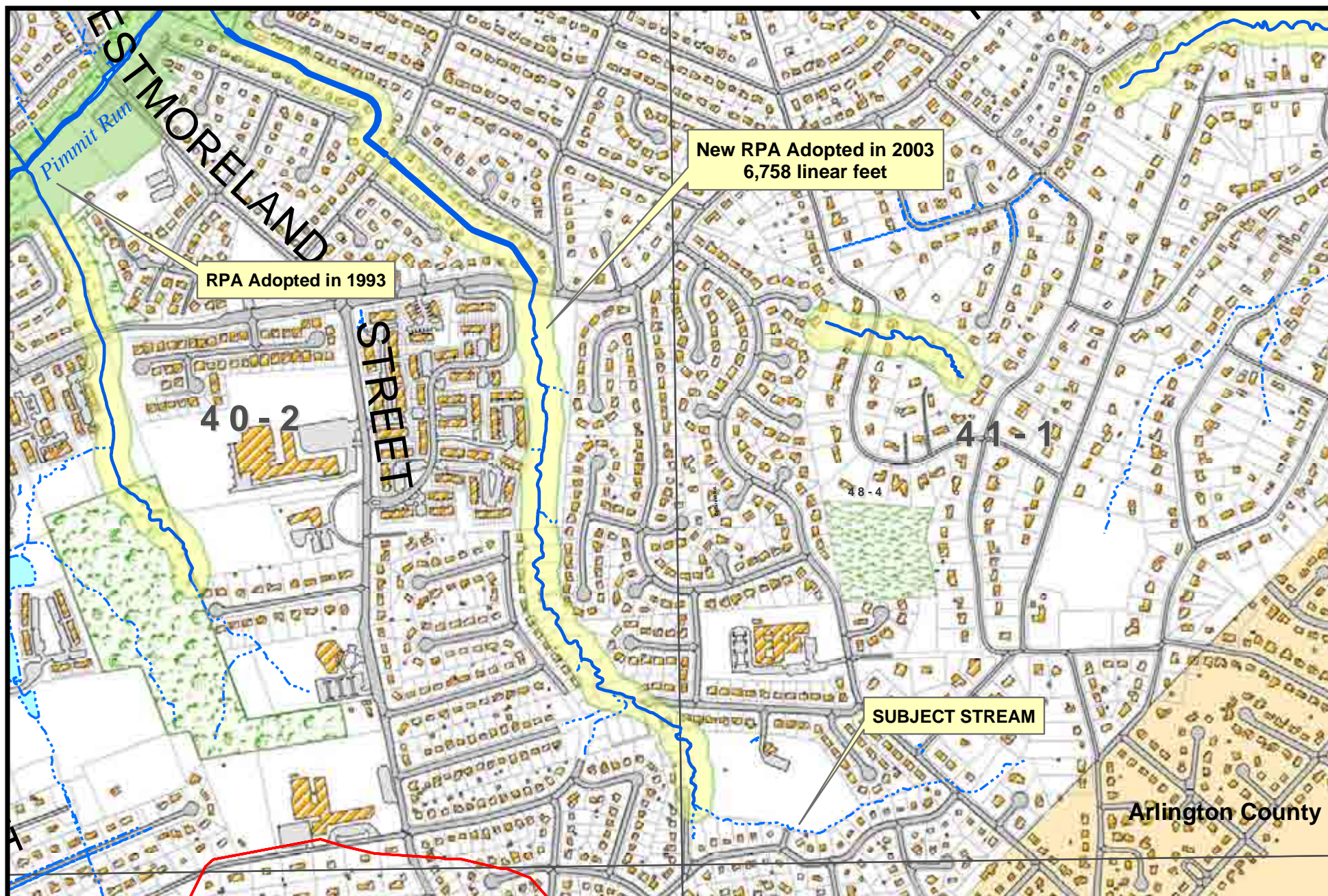
The photographs below were taken on September 10, 2003.



Looking upstream at channel towards Powhatan St.



Looking downstream at channel below Crimmins Lane.



Crimmins Lane Property
Stream: Unnamed Tributary to Pimmit Run
Watershed: Pimmit Run
Dranesville District, Tax Map 41-1